Lightspeed Filter™

Lightspeed blocked over 72 million visits to mature sites within 3 months alone.

In a recent study assessing CIPA compliance, Lightspeed Filter was the only solution to successfully block all pornographic content tested, compared to competitors.
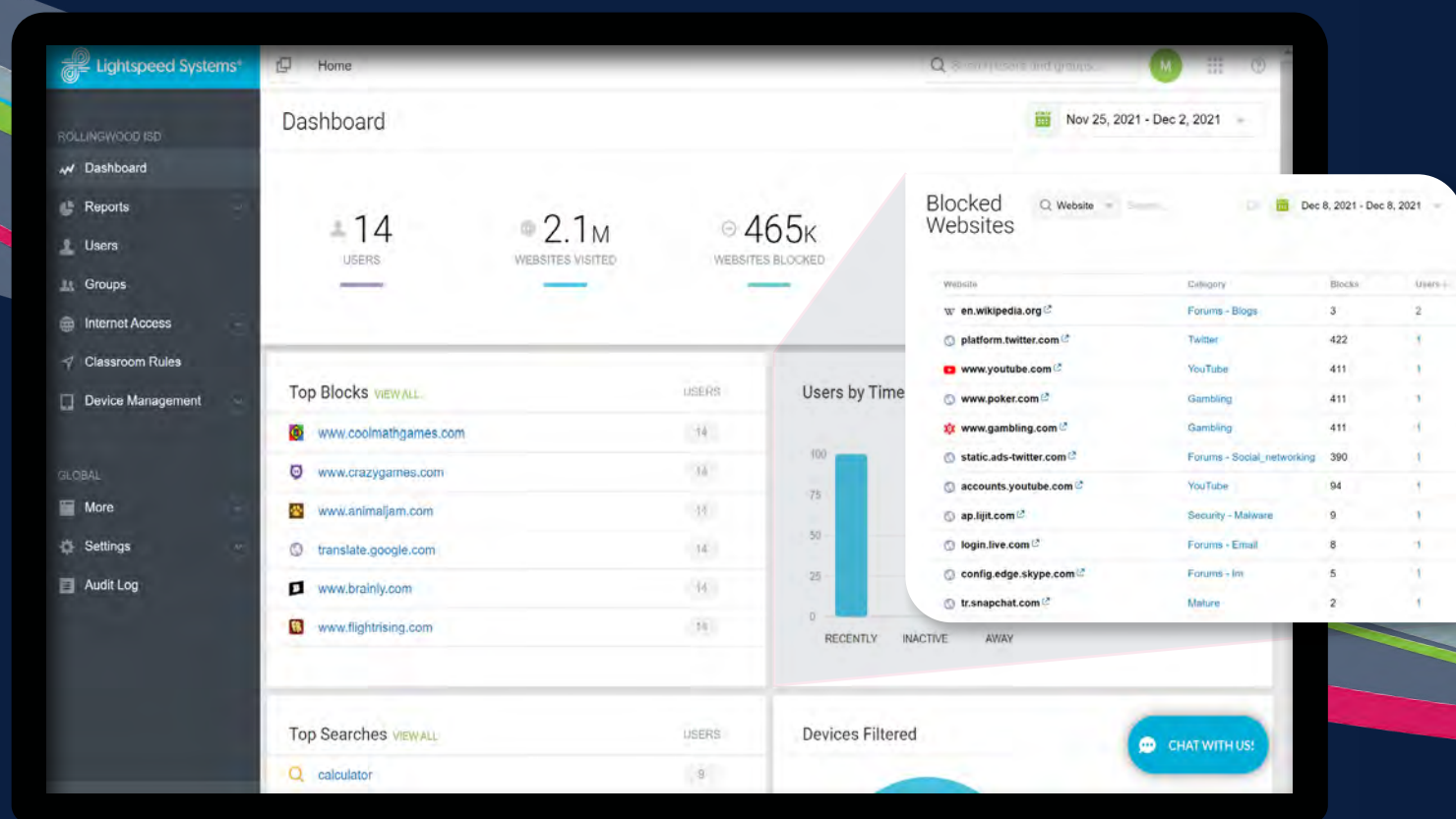
Protect students from harmful online content

Keep students safe from inappropriate or illicit online content 24/7. Lightspeed Filter™ is the best-in-class solution that acts as a solid barrier to harmful material to ensure student online safety.

- **Powered by the most comprehensive database** in the industry built through 20 years of web indexing and machine learning.

- **Ensure CIPA compliance** with the only student online safety solution found to filter 100% of pornographic content out-of-the-box.

- **Use advanced AI technology** to block millions of inappropriate, harmful, and unknown sites, images, and videos. Lightspeed Filter helps technology teams scale student safety with our cloud-based, device-level protections that work across all devices, operating systems, and learning environments.
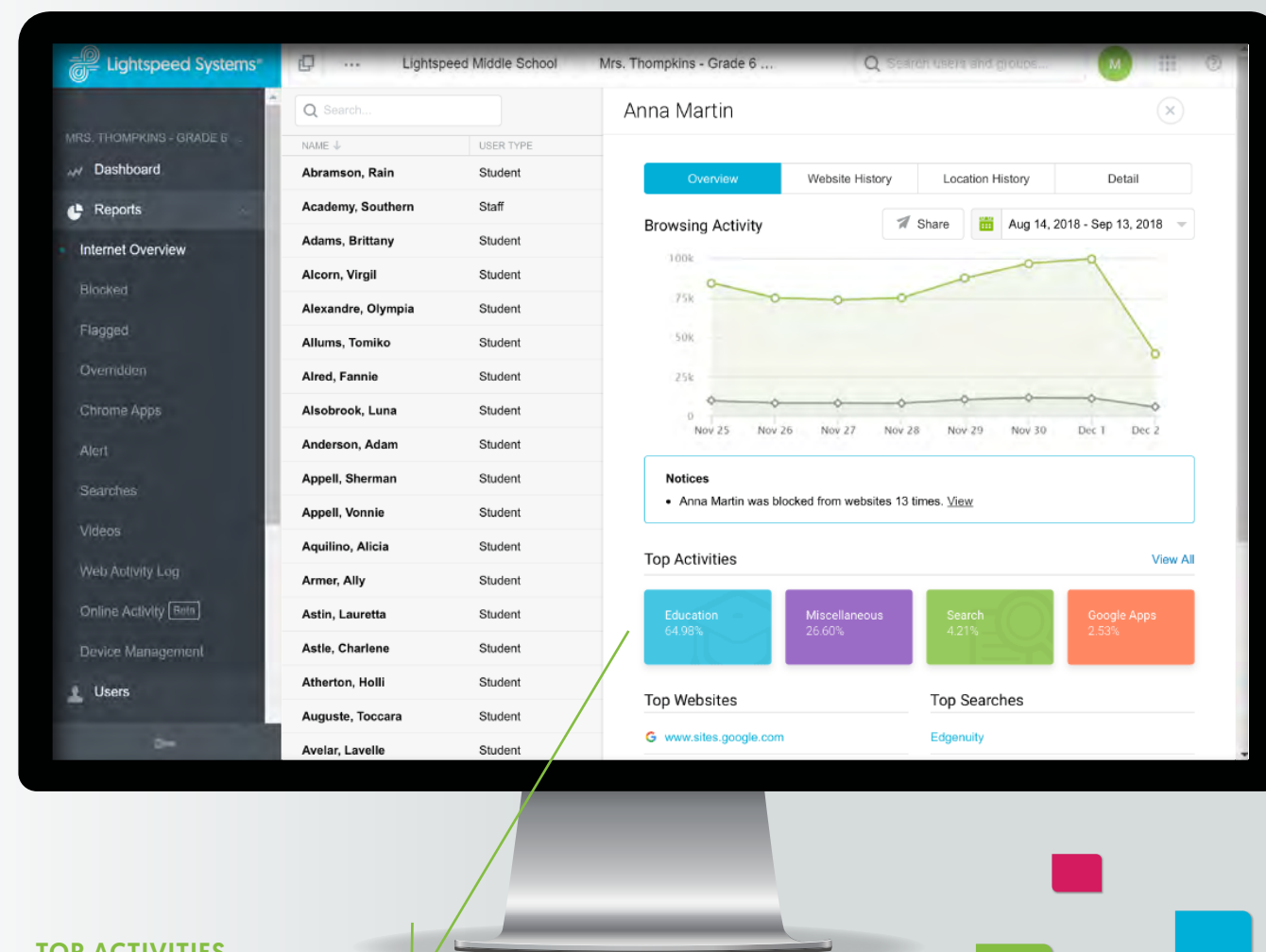
DASHBOARD

Have instant visibility of all student and staff content consumption to and from the Internet. Know your district's top blocked sites, top searches, and most and least successful users of online content.

INTERNET OVERVIEW

See all online traffic in a school or district. Enable users to drill down from the district level, to the school level, to a specific classroom, to a select group of students, or to an individual student.
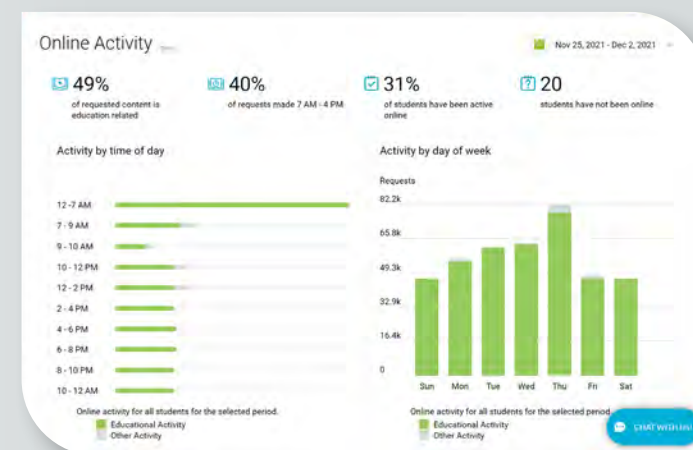
TOP ACTIVITIES

See top websites and apps being used and identify who's using them.

ONLINE ACTIVITY REPORTING

The Online Activity report provides all the data schools and districts need to operate a remote or hybrid educational model effectively. See individual device activity by time of day, inactive students, highest and lowest educational content consumption, and more for data-driven decisions.

> *Once we moved to Lightspeed Filter, we started saving hours a week, every week, and the difference was immediately obvious. The filter blocks sites only when necessary, and we've definitely seen a performance increase from the students.*
>
> - **John Lenhart**, Systems Administrator, Dallastown Area School District

Protect Students With the Power of AI

K-12 technology exists in a dynamic, constantly changing landscape. At Lightspeed Systems®, our more than 20 years of experience in K-12 ed-tech enables us to meet new challenges whenever they arise. This agility was the catalyst for developing and patenting Lightspeed Filter™, **SmartAgents™ and SmartPlay™.**

SMART AGENTS

Our exclusive SmartAgent technology filter at the device level, which means that student and staff online usage is 100% filtered on or off the campus network, on every device, app, or browser, **ensuring complete CIPA compliance.**

Our patented device-level filtration creates more comprehensive cross-device security compared to the web crawlers deployed by competing solutions, and **allows for visibility into all online activity**, from web searches to activity in Google docs to web-based email.

SmartAgents operate on **every OS** and provide SSL decryption without the need to configure proxies, PACs, or trust certificates, putting the **power of a filter inside each device.**

SMART PLAY

An additional component of our Smart Solutions is our **proprietary SmartPlay, a YouTube-specific filter** that effectively removes or blocks the inappropriate portions of YouTube, opening it as a safe and reliable resource for remote learning and instruction.

SmartPlay also **filters video thumbnails and comment sections**, making it the single most comprehensive YouTube filter available.
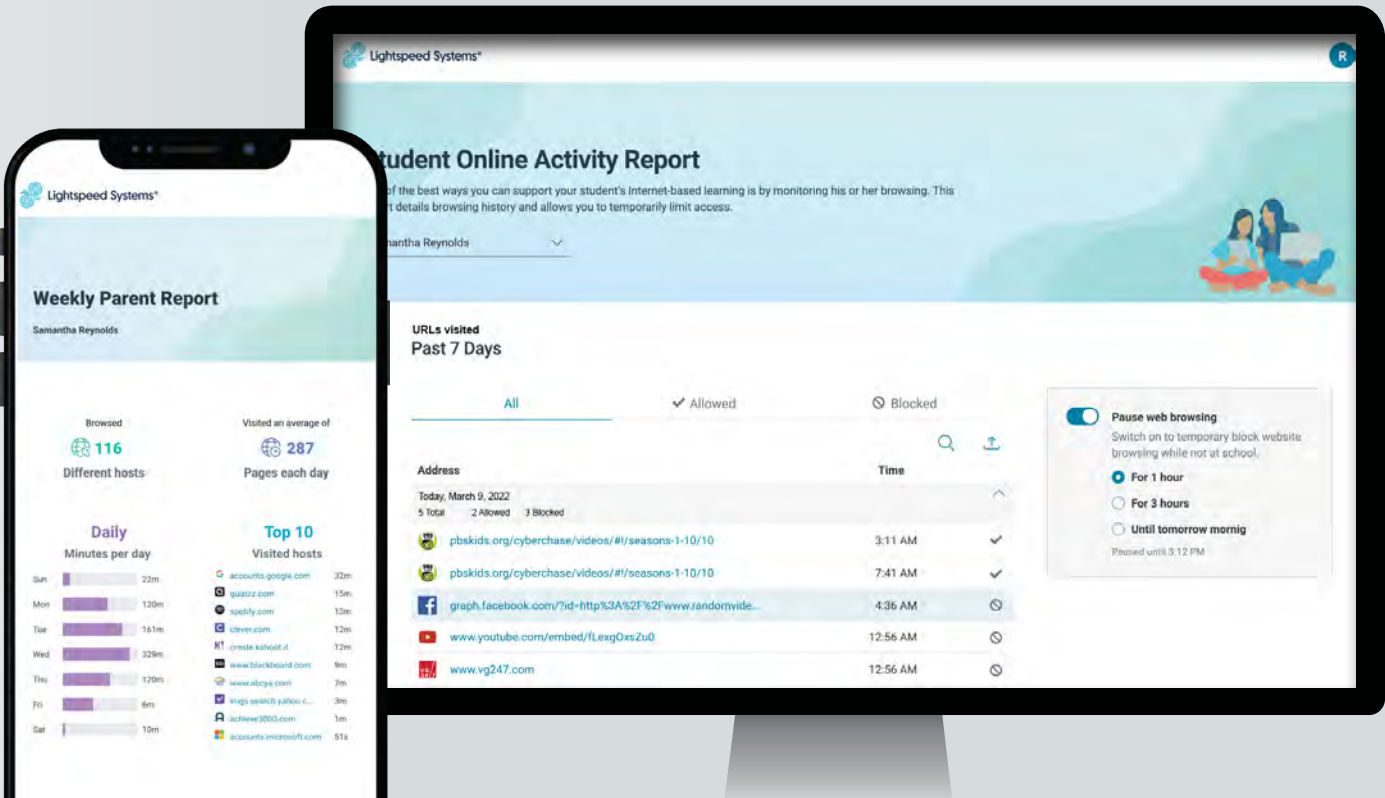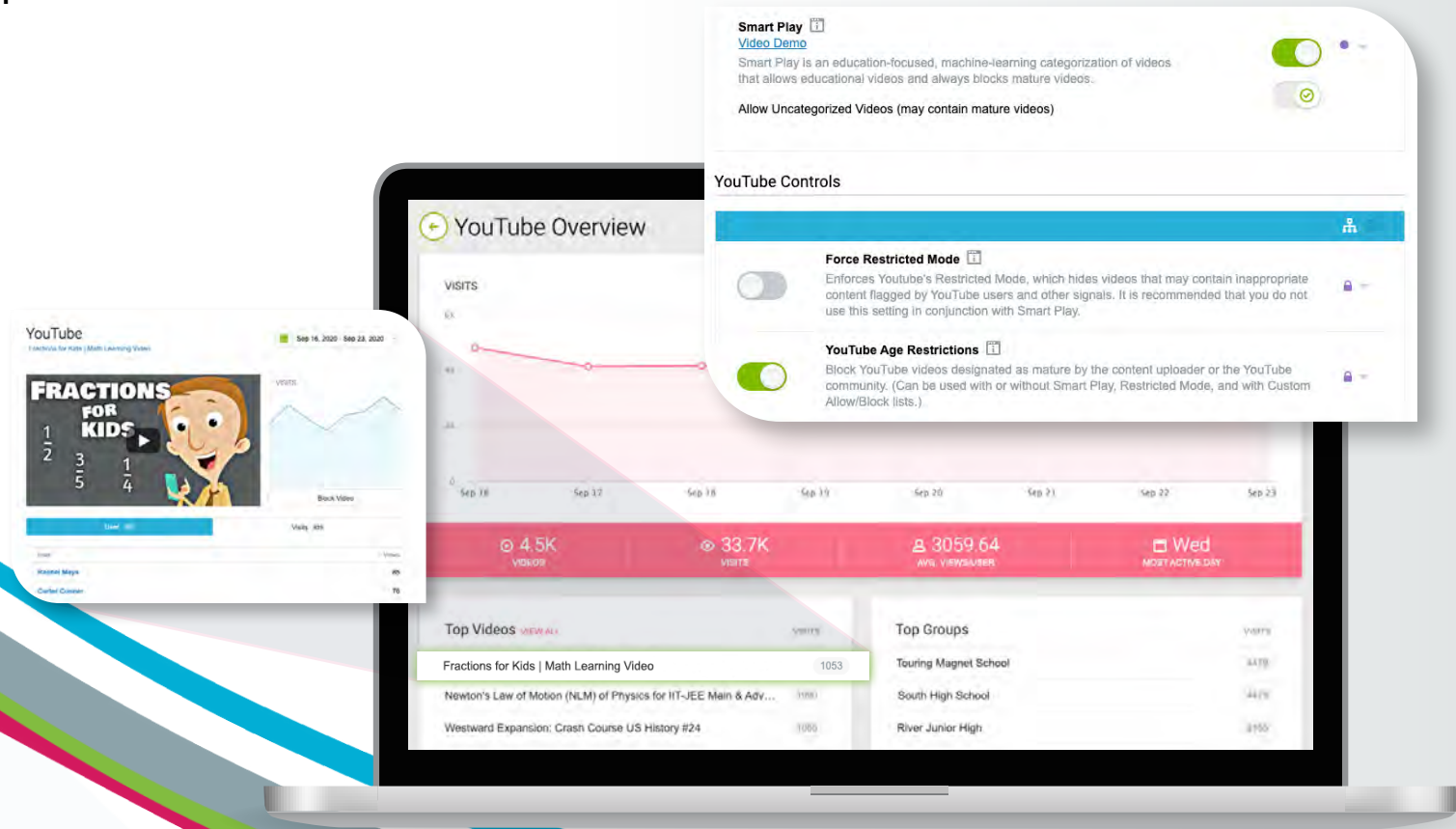
Lightspeed Parent Portal™

Empower parents with student activity insights

Whether parents are assisting teachers with remote lessons, serving as tech support for their children, or making sure that devices are being used appropriately, their involvement is more important than ever. Lightspeed Parent Portal gives parents greater visibility into their children's internet usage on school-issued devices at home.

- Issue a **Weekly Parent Report** email showing number of browsed web pages, student time spent daily online, and sites most commonly visited.
- With the online parent portal, parents can see daily roll-up summaries, time-stamped data, allowed/blocked indicators for each website, and more.
- Allow parents to **pause web browsing** for one hour, three hours, or overnight to manage screen time.

Lightspeed Filter™

What sets Lightspeed Filter™ apart?

Fast and accurate roster syncing: Simultaneously sync any combination of student information systems (SIS) and directory services to one centralized place with Lightspeed SmartSync™ technology.

Flexible policy management: Quickly locate and manage group policies, reports, and more with quick search functionality, sophisticated hierarchical breadcrumb navigation, and granular group filtering with Lightspeed SmartPolicy™ technology.

The Most Precise Web Filter: With 138 categories that differentiate sites such as adult gaming versus educational gaming, Lightspeed Filter is the most precise web filter on the market ensuring comprehensiveness without over blocking, unlike other filters.

Adaptive AI Database: From 20 years of web crawling, Lightspeed has the most mature and complete K-12 database in the industry leveraging machine learning and human review by data scientists and to block inappropriate, new, and *unknown sites* and allow access to valuable educational materials.

Easy SSL Decryption: Provide multi-OS SSL decryption without the need to configure proxies, PACs, or trust certificates. Lightspeed SmartAgents™ put the power of a filter inside each device.

Granular YouTube Controls: SmartPlay™ takes control of YouTube. Allow educational videos and block inappropriate content, thumbnails and time-wasters—in just a click.

Dynamic Reports: Get high-level data on device use or detailed, granular reports on individual students. Lightspeed Systems® offers the most powerful, actionable, and shareable reports.

Powerful Features

- ✓ Cloud filtering for scalability
- ✓ BYOD/IoT filtering
- ✓ After-school controls
- ✓ Flagging and alerts
- ✓ Allow/block lists
- ✓ Lockout controls
- ✓ Custom block pages
- ✓ Custom white/blacklists
- ✓ Social media controls
- ✓ Search controls
- ✓ Data dashboard
- ✓ Secure, sharable reports

- ✓ Student-level activity reporting
- ✓ YouTube Smart Play
- ✓ YouTube reporting
- ✓ Search reporting
- ✓ Google Docs reporting
- ✓ Social media reporting
- ✓ Parent reports
- ✓ Flagged activity reports
- ✓ Device detective geolocation

- ✓ Easy device mapping
- ✓ Automatic updates
- ✓ Fast cloud set-up
- ✓ Safe search
- ✓ Audit logging

End-to-end cloud-based filtering protection, simplified SSL decryption, easy setup (with no hardware).

Case Study

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Webster Central School District's Experience with Lightspeed™

CHALLENGE

Webster Central School District serves over 8,000 students, 1,800 faculty members, and has been 1:1 since 2017. As any K-12 Tech professional knows, scaling a true 1:1 where every student takes home a device is no easy feat. Potential problems range from keeping students engaged when they aren't in a physical classroom to tracking school-owned devices, and making sure kids are safe online wherever they work. That's why Brian Zimmer, Director of Educational Technology and Information at Webster CSD, relies on **Lightspeed Filter**.

HIGHLIGHTS

- Lightspeed Filter is a multi-OS, cloud-based filter with the power of a filtering appliance. Zimmer notes, *"It's the easiest and most reliable filter I've ever used. The reports are amazing and so simple to use! I am so glad that we moved to this product."*

- When testing competing filter solutions, Zimmer found that they just didn't compare with Lightspeed Filter, especially when it came to reporting. *"We're getting better, more accurate reports with Lightspeed."*

- Looking at the data provided by the companies, Zimmer could see that Lightspeed reported 30% fewer false positives of self-harm and suicide cases than competing filters.

- Lightspeed Filter also makes time consuming tasks like generating reports, blocking sites, and tracking devices easier to manage. *"We would get requests from administrators asking what certain students are up to every day,"* Zimmer says. *"Now I can just send them reports on exactly what the kids are doing online. I just send the report and the detail history export to the administrator, and they can share it with the kids' parents without adding me to the mix."*

- The filter's actionable dashboard makes updating policies simple. *"If I need to make a quick change for a student or for protocol based on an update to FERPA or NY Ed Law 2D, it's not a painstaking process. I can't say enough about how easy it is to manage from an administrative side."*

- The level of care and attention Zimmer received during and since Webster's move to Lightspeed Filter has *"blown him away." "What I really appreciate is that Lightspeed is very responsive to our needs,"* he says. *"We'll put in requests sometimes at 6, 7 a.m., and someone always gets back to us within the hour. There's always somebody there to support us."*

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Read the full Webster Central School District case study at
www.lightspeedsystems.com/case-study/webster